AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended) A route guide data creation device that acquires travel data transmitted from a plurality of vehicles that travel according to a predetermined travel route and travel time, the travel route including a plurality of stops, and creates route guide data based on the acquired travel data, comprising:

a travel data acquisition ~~means for respectively acquiring~~ component configured to respectively acquire said travel data from each of the plurality of vehicles traveling according to said predetermined travel route over a predetermined period of time;

travel data processing means for receiving data formatted from said travel data into a predetermined input format, said predetermined input format including a vehicle ID, a route code, a next stop code, an arrival time at a previous stop, and a departure time from the previous stop, calculating an arrival time and departure time at/from each stop on said predetermined travel route for each vehicle, and outputting the arrival time and departure time of each vehicle at each stop in a predetermined output format, said predetermined output format including a vehicle ID, a route code, a departing stop code, an arrival time, an arriving stop code, and a departure time; and

a route guide database that stores route guide data including the departure time and the arrival time of each vehicle at each stop outputted from said travel data processing means, said

route guide data that is stored in said route guide database classified into a plurality of data groups based on conditions at the time when said travel data is acquired and stored.

2. (Previously Presented) A route guide data creation device according to claim 1, wherein the route guide data creation device acquires said travel data about a first vehicle through a last vehicle of said predetermined travel route.

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Previously Presented) A route guide data creation device according to claim 1 or 2, wherein the conditions at the time when said travel data is acquired include weather and/or day, and date.

7. (Previously Presented) A route guide data creation device according to claim 1 or 2, wherein said travel data processing means sorts the acquired travel data into order of a departure time after sorting the acquired travel data into an order of a vehicle ID and order of a route code, and calculates departing time and arriving time for each section between stops.

8. (Currently Amended) A route guide data creation method for acquiring travel data transmitted from a plurality of vehicles that travel according to a predetermined travel route and travel time, the travel route including a plurality of stops, and creating route guide data based on the acquired travel data, comprising:

acquiring travel data transmitted from each of said plurality of vehicles traveling according to said predetermined travel route over a predetermined period of time;

formatting the acquired travel data to a predetermined input format, said predetermined input format including a vehicle ID, a route code, a next stop code, an arrival time at a previous stop, and a departure time from the previous stop;

calculating an arrival time and a departure time at/from each stop on said predetermined travel route for each vehicle from said travel data formatted to [[a]] said predetermined input format;

outputting the arrival time and departure time at/from each stop, which are calculated for each vehicle, in a predetermined output format, said predetermined output format includes a vehicle ID, a route code, a departing stop code, a departure time, an arriving stop code, and an arrival time; and

classifying the route guide data, including the departure time and the arrival time of each vehicle from/at each stop, based on the conditions at the time when the travel data is acquired, and storing in a route guide database.

9. (Previously Presented) A route guide data creation method according to claim 8, wherein the step for acquiring said travel data includes a step for acquiring said travel data on a first vehicle through a last vehicle for said predetermined travel route.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Previously Presented) A route guide data creation method according to claim 8 or 9, wherein the conditions at the time when the travel data is acquired include weather and/or day, and date.

14. (Previously Presented) A route guide data creation method according to claim 8 or 9, wherein the calculating arrival time and departure time at/from each stop for each vehicle from said inputted travel data includes sorting the acquired travel data into order of departure time after sorting the acquired travel data into order of a vehicle ID and order of a route code, and calculating departing time and arriving time for each section between stops.

15. (Currently Amended) A route guide distribution device, comprising:

a travel data processing means for receiving data formatted into an input format including

a vehicle ID, a route code, a next stop code, an arrival time at a previous stop and a departure

time from the previous stop, calculating an arrival time and a departure time at/from each stop for

each vehicle ID for a predetermined travel route, and outputting route guide data formatted into

an output format including a vehicle ID, a route code, a departing stop code, an arrival time, an

arriving stop code and a departure time;

a route guide database in which storing the output formatted route guide data on a

plurality of vehicles that travel on a road according to a predetermined travel route and travel

time is stored; and

a distribution means for distributing component configured to distribute a route guide in

response to a route guide request from a mobile terminal based on the output formatted route

guide data stored in said route guide database, said route guide database storing route guide data

including the arrival time and the departure time at/from each stop for each vehicle ID calculated

for the predetermined travel route based on with said travel data processing means on the basis of

travel data acquired from each vehicle that travels on the road over a predetermined period of

time,

said route guide data classified into a plurality of data groups based on conditions at the

time when said travel data is acquired.

16. (Previously Presented) A route guide distribution device according to claim 15, wherein said route guide database stores arrival time and departure time at/from each stop for each vehicle calculated for said predetermined travel route based on travel data acquired from each vehicle from a first vehicle to a last vehicle that travel on a road as route guide data.

17. (Cancelled)

18. (Previously Presented) A route guide distribution device according to claim 16, wherein the conditions at the time when said travel data is acquired include weather and/or day, and date.

19. (Currently Amended) A route guide distribution device according to claim 18, wherein said distribution means component distributes route guide created by acquiring route guide data corresponding to a condition at the time when route guide request is issued by a mobile terminal from said route guide database.

20. (New) A route guide distribution method, comprising:

receiving travel data related to a plurality of vehicles that travel on a road according to a predetermined travel route and travel time, the travel data being formatted into an input format including a vehicle ID, a route code, a next stop code, an arrival time at a previous stop and a departure time from the previous stop;

calculating an arrival time and a departure time at/from each stop for each vehicle ID for each predetermined travel route;

outputting route guide data formatted into an output format including a vehicle ID, a route code, a departing stop code, an arrival time, an arriving stop code and a departure time;

storing the output formatted route guide data related to the plurality of vehicles that travel on a road according to a predetermined travel route and travel time in a route guide database; and

distributing a route guide in response to a route guide request from a mobile terminal based on the output formatted route guide data stored in said route guide database; and

classifying said route guide data into a plurality of data groups based on conditions at the time when said travel data is acquired.